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0472 US PTO

**EXPRESS MAIL RECEIPT NO. ER441434736US
DEPOSITED ON JANUARY 23, 2004**

**PATENT
DKT. NO. STL11284**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450**

17302 U.S. PTO
10/763827



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Ching Tong Sim, Rory S. Limqueco, Jee Suan Kwok and YewChoon Chia

**For (title): AUTOMATIC OPTICAL INSPECTION OF COMPONENTS USING A SHADOW
PROJECTION THRESHOLD FOR A DATA STORAGE DEVICE**

1. Type of Application

This application is for an original (nonprovisional).

2. Papers Enclosed

**A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design)
Application**

15 Pages of Specification
8 Pages of Claims
4 Sheets of Drawings--Formal

B. Other Papers Enclosed

3 Pages of Declaration--executed by inventors
4 Pages of Power of Attorney, including copy of assignment
1 Page of Cover Sheet
1 Page of Abstract
4 Pages of Application Data Sheet

3. Additional Papers Enclosed

Information Disclosure Statement (37 C.F.R. § 1.98), including PTO/SB/08A and 08B (substitute for Form PTO-1449).

An acknowledgment postcard

4. Declaration or Oath

Enclosed and executed by inventors.

5. Inventorship Statement

The inventorship for all the claims in this application is the same.

6. Language

English

7. Assignment

An assignment of the invention to SEAGATE TECHNOLOGY LLC is attached. A separate FORM PTO-1595 is also attached.

8. Fee Calculation (37 C.F.R. § 1.16)

Regular Application

CLAIMS AS FILED							
	Number Filed		Number Extra		Rate		Basic Fee
							37 C.F.R. § 1.16(a)
Total							770.00
Claims (37 C.F.R. § 1.16(c))	24	-	20	=	4	x \$ 18.00	= \$ 72.00
Independent Claims (37 C.F.R. § 1.16(b))	3	-	3	=	0	x \$ 86.00	= \$ 0.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))					+ \$ 290.00	= \$	0.00

Filing Fee Calculation \$842.00

9. Fee Payment Being Made at This Time

Enclosed

Filing Fee \$842.00

Recording assignment (\$40; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION") \$40.00

Total Fees Enclosed \$882.00

10. Method of Payment of Fees

Authorization is hereby made to charge the amount of \$842.00 for filing fee and \$40.00 for recording of assignment to Deposit Account No. 19-1038.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this paper is attached.

11. Authorization to Charge Additional Fees

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

37 C.F.R. § 1.16(b), (c) or (d) (presentation of extra claims)

37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))

12. Instructions as to Overpayment

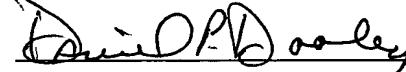
Credit Account No. 19-1038.

Date: January 23, 2004

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WRITER'S DIRECT NUMBER

January 23, 2004

**Express Mail Receipt No. ER441434736US
Deposited on January 23, 2004**

Mail Stop Assignment Recordation Services
Director – U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application entitled AUTOMATIC OPTICAL INSPECTION OF
COMPONENTS USING A SHADOW PROJECTION THRESHOLD FOR A
DATA STORAGE DEVICE

Inventors: Ching Tong Sim, Rory S. Limqueco, Jee Suan Kwok and
YewChoon Chia

Filing Date: January 23, 2004

Docket: STL11284

Sir:

Enclosed for recording is the Assignment for the following United States patent
application:

U.S. Patent Application entitled AUTOMATIC OPTICAL INSPECTION OF
COMPONENTS USING A SHADOW PROJECTION THRESHOLD FOR A
DATA STORAGE DEVICE

Inventors: Ching Tong Sim, Rory S. Limqueco, Jee Suan Kwok and
YewChoon Chia

Filing Date: January 23, 2004

Assignee: SEAGATE TECHNOLOGY LLC

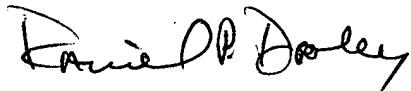
Docket: STL11284

Mail Stop Assignment Recordation Services
January 23, 2004
Page 2

A Recordation Form Cover Sheet - Patents Only, Form PTO-1595, is provided for the above documents. Authorization is hereby made to charge the amount of \$40.00 to cover the recording fee to Deposit Account No. 19-1038. Should additional fees be required, you are hereby authorized to charge same to Deposit Account No. 19-1038.

The enclosed documents are being sent by Express Mail Receipt No. ER441434736US on January 23, 2004.

Respectfully submitted,



Daniel P. Dooley
Registration No. 46,369

DPD/tk
Enclosures

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